

PATENTS ONLY

cket No.: SBI-0412-CIP

Tab settings → → → ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
SULZER BIOLOGICS INC.

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☐ Assignment

☐ Merger

☐ Security Agreement

☒ Change of Name

☐ Other

Execution Date: **09/12/02**

2. Name and address of receiving party(ies):

Name: **CENTERPULSE BIOLOGICS INC.**

Internal Address:

Street Address: **12024 Vista Parke Drive**

City: **Austin** State: **TX** ZIP: **78726**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

09/748,038

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Kenneth S. Barrow**

Internal Address: **CENTERPULSE USA, INC.**

Street Address: **12 East Greenway Plaza, Suite 1000**

City: **Houston** State: **TX** ZIP: **77046**

6. Total number of applications and patents involved: **21**

7. Total fee (37 CFR 3.41):.....\$ **840.00**

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0473

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kenneth S. Barrow

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

3

Centerpulse Biologics Inc.
Patent Application List

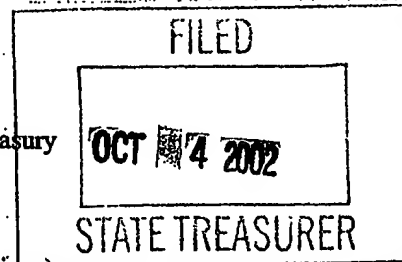
4.

A. Patent Application Nos. Continued:

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C-102A Rev 12/93

New Jersey Department of the Treasury
Division of Revenue
Certificate of Amendment to the
Certificate of Incorporation
(For Use by Domestic Profit Corporations)



Pursuant to the provisions of Section 14A:9-2 (4) and Section 14A:9-4 (3), Corporations General, of the New Jersey Statutes, the undersigned corporation executes the following Certificate of Amendment to its Certificate of Incorporation:

1. The name of the corporation is: **Sulzer Biologics Inc.**
FEI #22-2673794 ID #0100-2815-06

2. The following amendment to the Certificate of Incorporation was approved by the directors and thereafter duly adopted by the shareholders of the corporation on the **12th** day of **September** **2002**

Resolved, that Article **FIRST** of the Certificate of Incorporation be amended to read as follows:

FIRST: The name of the Corporation is Centerpulse Biologics Inc.

3. The number of shares outstanding at the time of the adoption of the amendment was: **100**
The total number of shares entitled to vote thereon was: **100**

If the shares of any class or series of shares are entitled to vote thereon as a class, set forth below the designation and number of outstanding shares entitled to vote thereon of each such class or series. (Omit if not applicable).

4. The number of shares voting for and against such amendment is as follows: (If the shares of any class or series are entitled to vote as a class, set forth the number of shares of each such class and series voting for and against the amendment, respectively).

Number of Shares Voting for Amendment

100

Number of Shares Voting Against Amendment

-0-

5. If the amendment provides for an exchange, reclassification or cancellation of issued shares, set forth a statement of the manner in which the same shall be effected. (Omit if not applicable).

6. Other provisions: (Omit if not applicable).

BY: 

David S. Wise
(Signature)

Dated this **2** day of **October** **2002**

May be executed by the Chairman of the Board, or the President, or a Vice President of the Corporation.

0100281506



United States Patent and Trademark Office

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Assignments on the Web > Patent Query

Patent Assignment Details

**NOTE: Results display only for issued patents and published applications.
For pending or abandoned applications please consult USPTO staff.**

Reel/Frame: 013525/0488

Recorded: 11/26/2002

Pages: 2

Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Total properties: 6

- 1 Patent #: [5290763](#) Issue Dt: 03/01/1994 Application #: 07689459 Filing Dt: 04/22/1991
Title: OSTEOINDUCTIVE PROTEIN MIXTURES AND PURIFICATION PROCESSES
- 2 Patent #: [5371191](#) Issue Dt: 12/06/1994 Application #: 08142686 Filing Dt: 10/26/1993
Title: OSTEOINDUCTIVE PROTEIN MIXTURES AND PURIFICATION PROCESSES
- 3 Patent #: [5563124](#) Issue Dt: 10/08/1996 Application #: 08152519 Filing Dt: 11/16/1993
Title: OSTEOGENIC PRODUCT AND PROCESS
- 4 Patent #: [6187038](#) Issue Dt: 02/13/2001 Application #: 09056956 Filing Dt: 04/08/1998
Title: SMALL BORE BIOLOGIC GRAFT WITH THERAPEUTIC DELIVERY SYSTEM
- 5 Patent #: [6211157](#) Issue Dt: 04/03/2001 Application #: 09173989 Filing Dt: 10/16/1998
Title: PROTEIN MIXTURES TO INDUCE THERAPEUTIC ANGIOGENESIS
- 6 Patent #: [6328762](#) Issue Dt: 12/11/2001 Application #: 09300351 Filing Dt: 04/27/1999
Title: PROSTHETIC GRAFTS

Assignor

- 1 [SULZER BIOLOGICS INC.](#)

Exec Dt: 09/30/2002

Assignee

- 1 [CENTERPULSE BIOLOGICS INC.](#)
12024 VISTA PARKE DRIVE
AUSTIN, TEXAS 78726

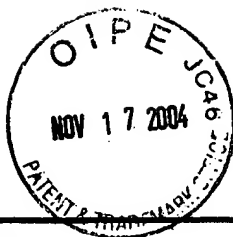
Correspondence name and address

CENTERPULSE USA, INC.
KENNETH S. BARROW
12 EAST GREENWAY PLAZA
SUITE 1000
HOUSTON, TX 77046

Search Results as of: 11/15/2004 10:21 AM

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723

[HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)



Form PTO-1595
(Rev. 10/02)

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇒ ⇒ ⇒ ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Centerpulse Biologics Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☒ Change of Name
☐ Other _____

Execution Date: 05/18/04

2. Name and address of receiving party(ies)

Name: Zimmer Orthobiologics, Inc.

Internal Address: 9900 Spectrum Drive

Austin, Texas 78717

Street Address: 9900 Spectrum Drive

City: Austin State: TX Zip: 78717

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) See Attached

B. Patent No.(s) See Attached

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jonathan D. Feuchtwang, Esq.

Internal Address: 150 N. Wacker Drive,

Suite 1200, Chicago, IL 60606

Street Address: 150 N. Wacker Drive,

Suite 1200

City: Chicago State: IL Zip: 60606

6. Total number of applications and patents involved: 391

7. Total fee (37 CFR 3.41).....\$ 1,560.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Signature.

Jonathan D. Feuchtwang, 41,017

Name of Person Signing

Signature

27 July 2004
Date

Total number of pages including cover sheet, attachments, and documents: 9

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

REG-C-EA
(02-02)STATE OF NEW JERSEY
DIVISION OF REVENUE
BUSINESS ENTITY AMENDMENT FILING
(Fee Required)Mail to:
PO Box 308
Trenton, NJ 08625

Fill out all applicable information below and sign in the space provided. Please note that once filed, the information on this page is considered public. Refer to the instructions for delivery/return options, filing fees and field-by-field requirements. Remember to pay the appropriate fee amount for this filing. Use attachments if more space is required for any field, or if you wish to add articles for the public record.

APR 29 2004

A. Business Name: Centerpulse Biologics Inc.B. Statutory Authority for Amendment: N.J.S.A. 14A:9-1 et seq.

C. ARTICLE FIRST OF THE CERTIFICATE of Incorporation ☒ Formation ☐ Registration ☐ Authority ☐ Limited Partnership ☐
of the above-referenced business is amended to read as follows: (Use attachment if more space is required)
The name of the Corporation is Zimmer Orthobiologics, Inc.

D. Other Provisions: (Optional)

E. Date Amendment was Adopted: 4/28/04

F. CERTIFICATION OF CONSENT/VOTING: (If required by one of the laws cited below, certify consent/voting)
N.J.S.A. 14A:9-1 et seq. or N.J.S.A. 15A:9-1 et seq., Profit and Non-Profit Corps. Amendment by the Incorporators
Amendment was adopted by unanimous consent of the Incorporators.

N.J.S.A. 14A:9-2(4) and 14A:9-4(3), Profit Corps., Amendment by the Shareholders

* Amendment was adopted by the Directors and thereafter adopted by the shareholders.

Number of shares outstanding at the time the amendment was adopted 100, and total number of shares entitled to vote thereon 100. If applicable list the designation and number of each class/series of shares entitled to vote:

I list votes for and against and if applicable, show the vote by designation and number of each class/series of shares entitled to vote:

Number of Shares Voting for Amendment
100

Number of Shares Voting Against Amendment
- 0 -

** If the amendment provides for the exchange, reclassification, or cancellation of issued shares, attach a statement indicating the manner in which same shall be effected.

N.J.S.A. 15A:9-4, Non-profit Corps., Amendment by Members or Trustees

The corporation has 1 does not have 1 members.If the corporation has members, indicate the number entitled to vote , and how voting was accomplished:

At a meeting of the corporation. Indicate the number VOTING FOR and VOTING AGAINST . If any class(es) of members may vote as a class, set forth the number of members in each class, the votes for and against by class, and the number present at the meeting:

Class	Number of Members	Voting for Amendment	Voting Against Amendment

Adoption was by unanimous written consent without a meeting.

If the corporation does not have members, indicate the total number of Trustees , and how voting was accomplished:

At a meeting of the corporation. The number of Trustees VOTING FOR and VOTING AGAINST .
Adoption was by unanimous written consent without a meeting.

G. AGENT/OFFICE CHANGE

Now Registered Agent:

Registered Office: (Must be a NJ street address)

Street City Zip

H. SIGNATURE(S) FOR THE PUBLIC RECORD (See Instructions for Information on Signature Requirements)

Signature [Signature] Title President Date 4/28/04Signature Title Date

The above signed certifies that the business entity has complied with all applicable NJ statutory filing requirements

0100287506
31400910
J2671331

STATE OF NEW JERSEY
DEPARTMENT OF TREASURY
SHORT FORM STANDING

ZIMMER ORTHOBIOLOGICS, INC.
0100281506

With the Previous or Alternate Name

E - M VENTURE CORPORATION (Previous Name)
INTERMEDICS ORTHOPEDICS/DENVER, INC. (Previous Name)
SULZER ORTHOPEDICS BIOLOGICS INC. (Previous Name)
SULZER BIOLOGICS INC. (Previous Name)
CENTERPULSE BIOLOGICS INC. (Previous Name)

I, the Treasurer of the State of New Jersey, do hereby certify that the above-named New Jersey Domestic Profit Corporation was registered by this office on December 13, 1985.

As of the date of this certificate, said business continues as an active business in the State of New Jersey. Annual Reports are outstanding for the following year(s):
2001

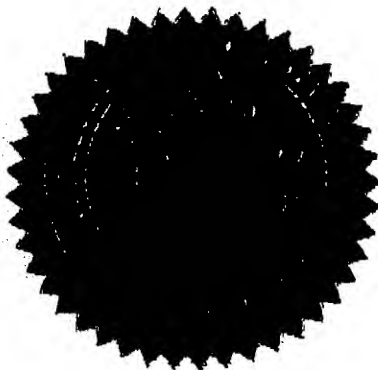
I further certify that the registered agent and registered office are:

*Corporation Trust Company
820 Bear Tavern Road
Trenton, NJ 08628 0000*

Continued on next page . . .

STATE OF NEW JERSEY
DEPARTMENT OF TREASURY
SHORT FORM STANDING

ZIMMER ORTHOBIOLOGICS, INC.



IN TESTIMONY WHEREOF, I have
hereunto set my hand and
affixed my Official Seal
at Trenton, this
18th day of May, 2004

A handwritten signature in cursive script, reading "John E. McCormac". The signature is written in dark ink and is located to the right of the official seal.

John E McCormac, CPA
State Treasurer

Matterno	PatNumber	InvTitle
SBI-042/2	6211157	PROTEIN MIXTURES TO INDUCE THERAPEUTIC ANGIOGENESIS COMPOSITION AND DEVICE FOR IN VIVO CARTILAGE REPAIR COMPRISING NANOCAPSULES

Matterno AppNumber FilDate InvTitle

SBI-042/3 09/748,038 22-Dec-2000 PROTEIN MIXTURES TO INDUCE THERAPEUTIC ANGIOGENESIS
COMPOSITION AND DEVICE FOR IN VIVO CARTILAGE REPAIR COMPRISING NANOCAPSULES



RECEIVED
SEP 04 2001

Group Vice President
& General Counsel



SBI-042-CIP
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 28, 2001

PTAS

SULZER MEDICA USA, INC.
TIMOTHY L. SCOTT
3 EAST GREENWAY PLAZA, SUITE 1600
HOUSTON, TX 77046



101755455A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/15/2001

REEL/FRAME: 011899/0780
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
BENEDICT, JAMES J.

DOC DATE: 04/13/2001

ASSIGNOR:
RANIERI, JOHN P.

DOC DATE: 04/13/2001

ASSIGNOR:
AKELLA, RAMA

DOC DATE: 04/13/2001

ASSIGNOR:
WHITNEY, MARSHA L.

DOC DATE: 04/13/2001

ASSIGNEE:
SULZER BIOLOGICS, INC.
9900 SPECTRUM DRIVE
AUSTIN, TEXAS 78717

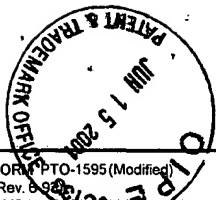
SERIAL NUMBER: 09748038
PATENT NUMBER:

FILING DATE: 12/22/2000
ISSUE DATE:

011899/0780 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

2



06-21-2001

Docket No.: SBI-042-CIP

FORM PTO-1595 (Modified)
(Rev. 6-9-99)
OMB No. 0651-0011 (Rev. 4-94)
Copyright 1994-97 LegalStar
P08/REV02

ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



101755455

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

James J. Benedict
John P. Ranieri
Rama Akella
Marsha L. Whitney

6-15-01

2. Name and address of receiving party(ies):

Name: SULZER BIOLOGICS INC.

Internal Address: _____

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Street Address: 9900 Spectrum DriveCity: Austin State: TX ZIP: 78717Execution Date: 4/13/2001Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy L. ScottInternal Address: SULZER MEDICA USA INC.

06/20/2001 6TOM11 00000055 09748038

01 FC:581

40.00 GP

Street Address: 3 East Greenway Plaza, Suite 1600City: Houston State: TX ZIP: 77046

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

09-0473

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Timothy L. Scott

Name of Person Signing

Timothy L. Scott

Signature

05/30/01

Date

Total number of pages including cover sheet, attachments, and document:

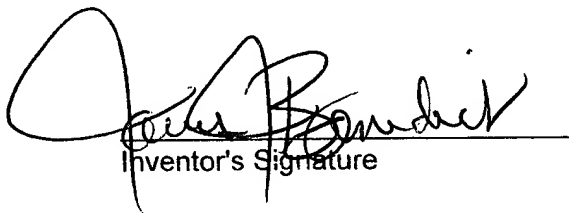
7

ASSIGNMENT

In consideration of my/our technology purchase agreement(s) or employee agreement(s) with SULZER BIOLOGICS INC., and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, James J. Benedict, resident of Arvada, Colorado, John P. Ranieri, resident of Austin, Texas, Marsha L. Whitney, resident of Austin, Texas, and Rama Akella, resident of Austin, Texas, hereby severally assign, transfer, and deliver to SULZER BIOLOGICS INC., a New Jersey corporation, having offices at Austin, Texas, U.S.A., its successors and assigns (collectively referred to as "SULZER BIOLOGICS"), the entire right, title and interest throughout the world to and in my/our invention(s) METHOD OF PROMOTING NATURAL BYPASS, (Attorney Docket # SBI-042-CIP), the application for United States patent on the invention signed on 4/13/01 as well as all continuations and divisions of that application, and all patents granted on that and any other application(s) on the invention(s) in the United States and elsewhere, together with the exclusive right to make application for patents and similar protection, reissues, renewals and extensions on the invention(s) in the U.S. and foreign countries, and I/we hereby request the U.S. Commissioner of Patents and Trademarks and the corresponding official(s) having the authority to issue patents in any foreign country(ies) to issue patents on the invention(s) to SULZER BIOLOGICS. I/We confirm that I/we have not made any agreement in conflict with this Assignment. I/We promise and agree that I/we will promptly sign and deliver such other documents, provide such evidence and other information within my/our knowledge or belief, and do all other relevant things that SULZER BIOLOGICS may reasonably deem necessary or desirable and request of me/us in connection with obtaining or maintaining any of the patents, or in connection with any proceeding, controversy or litigation pertaining to any of the applications or patents, or in order to perfect, protect or enforce SULZER BIOLOGICS ownership of the right, title and interest conveyed by this Assignment, or in connection with any other matter relating to or arising out of

this Assignment, and that I/we will do all of these things without need for further payment of money or other consideration to myself/ourselves on the understanding that **SULZER BIOLOGICS** will bear all reasonable expenses actually incurred for or in connection with such matters. This Assignment and the obligations I/we have assumed by signing this document shall be binding on my/our respective legal representatives.

4/13/2001
Date


Inventor's Signature

James J. Benedict
(Type Inventor's Name)

Date

Inventor's Signature

John P. Ranieri
(Type Inventor's Name)

Date

Inventor's Signature

Marsha L. Whitney
(Type Inventor's Name)

Date

Inventor's Signature

Rama Akella
(Type Inventor's Name)

ASSIGNMENT

In consideration of my/our technology purchase agreement(s) or employee agreement(s) with SULZER BIOLOGICS INC., and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, James J. Benedict, resident of Arvada, Colorado, John P. Ranieri, resident of Austin, Texas, Marsha L. Whitney, resident of Austin, Texas, and Rama Akella, resident of Austin, Texas, hereby severally assign, transfer, and deliver to SULZER BIOLOGICS INC., a New Jersey corporation, having offices at Austin, Texas, U.S.A., its successors and assigns (collectively referred to as "SULZER BIOLOGICS"), the entire right, title and interest throughout the world to and in my/our invention(s) METHOD OF PROMOTING NATURAL BYPASS, (Attorney Docket # SBI-042-CIP), the application for United States patent on the invention signed on 4/13/01 as well as all continuations and divisions of that application, and all patents granted on that and any other application(s) on the invention(s) in the United States and elsewhere, together with the exclusive right to make application for patents and similar protection, reissues, renewals and extensions on the invention(s) in the U.S. and foreign countries, and I/we hereby request the U.S. Commissioner of Patents and Trademarks and the corresponding official(s) having the authority to issue patents in any foreign country(ies) to issue patents on the invention(s) to SULZER BIOLOGICS. I/We confirm that I/we have not made any agreement in conflict with this Assignment. I/We promise and agree that I/we will promptly sign and deliver such other documents, provide such evidence and other information within my/our knowledge or belief, and do all other relevant things that SULZER BIOLOGICS may reasonably deem necessary or desirable and request of me/us in connection with obtaining or maintaining any of the patents, or in connection with any proceeding, controversy or litigation pertaining to any of the applications or patents, or in order to perfect, protect or enforce SULZER BIOLOGICS ownership of the right, title and interest conveyed by this Assignment, or in connection with any other matter relating to or arising out of

this Assignment, and that I/we will do all of these things without need for further payment of money or other consideration to myself/ourselves on the understanding that **SULZER BIOLOGICS** will bear all reasonable expenses actually incurred for or in connection with such matters. This Assignment and the obligations I/we have assumed by signing this document shall be binding on my/our respective legal representatives.

Date

Inventor's Signature

James J. Benedict
(Type Inventor's Name)

03/15/01

Date



Inventor's Signature

John P. Ranieri
(Type Inventor's Name)

Date

Inventor's Signature

Marsha L. Whitney
(Type Inventor's Name)

03/24/01

Date



Inventor's Signature

Rama Akella
(Type Inventor's Name)

ASSIGNMENT

In consideration of my/our technology purchase agreement(s) or employee agreement(s) with SULZER BIOLOGICS INC., and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, James J. Benedict, resident of Arvada, Colorado, John P. Ranieri, resident of Austin, Texas, Marsha L. Whitney, resident of Austin, Texas, and Rama Akella, resident of Austin, Texas, hereby severally assign, transfer, and deliver to SULZER BIOLOGICS INC., a New Jersey corporation, having offices at Austin, Texas, U.S.A., its successors and assigns (collectively referred to as "SULZER BIOLOGICS"), the entire right, title and interest throughout the world to and in my/our invention(s) METHOD OF PROMOTING NATURAL BYPASS, (Attorney Docket # SBI-042-CIP), the application for United States patent on the invention signed on 4/13/01 as well as all continuations and divisions of that application, and all patents granted on that and any other application(s) on the invention(s) in the United States and elsewhere, together with the exclusive right to make application for patents and similar protection, reissues, renewals and extensions on the invention(s) in the U.S. and foreign countries, and I/we hereby request the U.S. Commissioner of Patents and Trademarks and the corresponding official(s) having the authority to issue patents in any foreign country(ies) to issue patents on the invention(s) to SULZER BIOLOGICS. I/We confirm that I/we have not made any agreement in conflict with this Assignment. I/We promise and agree that I/we will promptly sign and deliver such other documents, provide such evidence and other information within my/our knowledge or belief, and do all other relevant things that SULZER BIOLOGICS may reasonably deem necessary or desirable and request of me/us in connection with obtaining or maintaining any of the patents, or in connection with any proceeding, controversy or litigation pertaining to any of the applications or patents, or in order to perfect, protect or enforce SULZER BIOLOGICS ownership of the right, title and interest conveyed by this Assignment, or in connection with any other matter relating to or arising out of

this Assignment, and that I/we will do all of these things without need for further payment of money or other consideration to myself/ourselves on the understanding that **SULZER BIOLOGICS** will bear all reasonable expenses actually incurred for or in connection with such matters. This Assignment and the obligations I/we have assumed by signing this document shall be binding on my/our respective legal representatives.

Date

Inventor's Signature

James J. Benedict
(Type Inventor's Name)

Date

Inventor's Signature

John P. Ranieri
(Type Inventor's Name)

4/3/01
Date

Marsha L. Whitney
Inventor's Signature

Marsha L. Whitney
(Type Inventor's Name)

Date

Inventor's Signature

Rama Akella
(Type Inventor's Name)